AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) A conductive ball comprising:

a core (4)-formed in a generally spherical shape and formed of a nonmetallic material; and

a coating layer coating a surface of the core and having at least a first metal layer (2) and a second metal layer (3), wherein,

the first metal layer (2)-is made of a first alloy containing Sn and having noneutectic composition, and

the second metal layer (3)-is made of a second alloy containing at least either Cu or Ni.

- (Original) The conductive ball as defined in Claim 1, wherein
 the first alloy has composition in which a liquidus temperature rises when a
 proportion of Sn in composition decreases.
- (Original) The conductive ball as defined in Claim 2, wherein
 the first alloy has composition closer to eutectic composition than to composition
 whose constituent forms an intermetallic compound.
- (Original) The conductive ball as defined in Claim 2, wherein
 the first alloy has composition in which a liquidus temperature is 240 °C or higher.

- (Original) The conductive ball as defined in Claim 2, wherein
 the first alloy has composition in which a liquidus temperature is 260 °C or higher.
- (Original) The conductive ball as defined in Claim 1, wherein
 the first alloy contains Ag, and a proportion of the Ag in composition is larger than

 3.5 weight %.
- 7. (Original) The conductive ball as defined in Claim 1, wherein the first alloy contains Ag, and a proportion of the Ag in composition is 4 weight % or larger.
- 8. (Original) The conductive ball as defined in Claim 1, wherein the first alloy contains Ag, and a proportion of the Ag in composition is 5.5 weight % or larger.
- (Original) The conductive ball as defined in Claim 5, wherein
 in the first alloy, a proportion of the Ag in composition is smaller than 75 weight %.
- (Original) The conductive ball as defined in Claim 5, wherein
 in the first alloy, a proportion of the Ag in composition is 37 weight % or lower.
- 11. (Original) The conductive ball as defined in Claim 5, wherein

in the first alloy, a proportion of the Ag in composition is 6.5 weight % or lower.

12. (Currently Amended) A formation method for an electrode of an electronic component comprising:

disposing the conductive ball (1) as defined in Claim 1 on a land (6) of an electronic component (5); and

heating the conductive ball (1)-disposed on the land (6)-of the electronic component (5), wherein

a maximum temperature for heating the conductive ball (1)-is a liquidus temperature of the first alloy or lower.

13. (Currently Amended) A formation method for an electrode of an electronic component comprising:

disposing a joint member (13) containing a third alloy on at least either the conductive ball (1) as defined in Claim 1 or a land (6) of an electronic component (5);

disposing the conductive ball (1)-on the land (6)-of the electronic component-(5); and

heating the conductive ball (1) and the joint member (13), wherein
a maximum temperature for heating the conductive ball (1) and the joint member
(13) is a liquidus temperature of a first alloy of the conductive ball (1) or lower, and is a liquidus temperature of a third alloy of the joint member (13) or higher.

14. (Currently Amended) A formation method for an electrode of an electronic component comprising:

attaching flux (7)-to at least either the conductive ball (1)-as defined in Claim 1 or a land of an electronic component-(5);

disposing the conductive ball (1)-on the land (6)-of the electronic component (5); and

heating the conductive ball—(1), wherein the flux (7)-contains 0.2 weight % or more halogen.

- 15. (Currently Amended) An electronic component having an electrode (8) using the conductive ball (1) as defined in Claim 1.
- 16. (Currently Amended) An electronic component having an electrode (8)-formed by the formation method for an electrode as defined in Claim 12.
- 17. (Currently Amended) An electronic component having an electrode (8)-formed by the formation method for an electrode as defined in Claim 13.
- 18. (Currently Amended) An electronic component having an electrode (8) formed by the formation method for an electrode as defined in Claim 14.
- 19. (Original) Electronic equipment including the electronic component as defined in Claim 15.

SUMIKAWA ET AL.
 New National Phase Application based on PCT/JP2004/007407

- 20. (Original) Electronic equipment including the electronic component as defined in Claim 16.
- 21. (Original) Electronic equipment including the electronic component as defined in Claim 17.
- 22. (Original) Electronic equipment including the electronic component as defined in Claim 18.